JC10 Rec'd PCT/PTO 17 JUN 2005

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

4590-425

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/539622

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/EP2003/051003

December 15, 2003

**December 17, 2002** 

TITLE OF INVENTION

METHOD OF MODULATION AND DEMODULATION OF A DIGITAL SIGNAL, IN PARTICULAR IN A FREQUENCY BAND AFFECTED BY FLAT FADING, ASSOCIATED MODULATOR AND DEMODULATOR

APPLICANT(S) FOR DO/EO/US

Bruno LE BRETON; Pierre VASSEUR; Patrick BUR
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DI	unc	, ,	DKE	TON; FIETTE VASSEUR; PATRICK BUREAU									
App	licant	here	with subn	nits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1.	$\boxtimes$	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.											
2.		Th	is is a SE	COND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.									
3.	$\boxtimes$	Th (9)	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (9) and (21) as indicated below.										
4.	$\boxtimes$	The US has been elected (Article 31).											
5.	$\boxtimes$	A	A copy of the International Application as filed (35 U.S.C. 371(c)(2))										
		a.	$\boxtimes$	is transmitted hereto (required only if not communicated by the International Bureau).									
		b.		has been communicated by the International Bureau.									
		C.		is not required, as the application was filed in the United States Receiving Office (RO/US)									
6.	$\boxtimes$	An	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).										
		a.	$\boxtimes$	is attached hereto.									
		b.		has been previously submitted under 35 U.S.C. 154(d)(4).									
7.		An	nendment	ts to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))									
		a.		are attached hereto (required only if not communicated by the International Bureau).									
		b.		have been communicated by the International Bureau.									
		C.		have not been made; however, the time limit for making such amendment has NOT expired.									
		d.		have not been made and will not be made.									
8.		An	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).										
9.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).											
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).											
Item	s 11 1	to 20	below c	oncern document(s) or information included:									
11.	$\boxtimes$	An	Informati	on Disclosure Statement under 37 CFR 1.97 and 1.98.									
12.	$\boxtimes$	An	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.										
13.	$\boxtimes$	Αp	reliminar	y amendment.									
14.	$\boxtimes$	An	Application	on Data Sheet under CFR 1.76									
15.		A s	ubstitute	specification.									
16.		Αp	ower of a	attorney and/or change of address letter.									
17.		Αc	omputer-	readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821–1.825									
18.		As	econd co	py of the published international application under 35 U.S.C. 154(d)(4)									
19.		A s	econd co	py of the English language translation of the international application under 35 U.S.C. 154(d)(4)									
20.	☒	Oth	ner items	or information: International Preliminary Examination Report; International Search Report; PCT/IB/304; PCT/IB/308; 6059A1.									

10/5706//									TORNEY'S DOCKET NUMBER					
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The following fees	are subm	nitted:					Į	CALCL	ILATIONS	PTO USE ONLY				
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					additional fees which may enclosed.	be require	ed, or	credit a	ny overpaym	ent to Deposit				
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. Kindly use the attorneys' address associated with the following Customer Number for future correspondence.														
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